

# DINESH KUMAR REDDY Y

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## CAREER OBJECTIVE

Enthusiastic, detail-oriented Python Developer with expertise in Django, REST APIs, and MySQL. Passionate about designing scalable, high-performance apps and contributing to collaborative teams in innovative IT spaces.

## EDUCATION

**MCA (Master of Computer Applications) - CGPA - 7.4**

VSU PG COLLEGE, Vikrama Simhapuri University, Kavali, **2022-2024**

**BSc (Bachelor of Science) – CGPA – 8.10**

BSR DEGREE COLLEGE, Sri Venkateswara University, Tirupathi, **2019 - 2022**

## TECHNICAL SKILLS

- **Programming Languages**
  - **Python:** Proficiency in Python, including libraries like NumPy, Pandas.
  - **JavaScript:** Knowledge on JS as well as libraries.
- **Web Development**
  - **HTML/CSS:** Fundamentals of building web pages.
  - **Web Frameworks:** Django (Expertise in creating dynamic web applications).
- **Database Management**
  - **MySQL Databases:** MySQL & MySQL Workbench (Experienced in Database design and management).
- **Generative AI:** Prompt Engineering, Workflow Automation, AI-Integrated Web Applications
- **Tools & Technologies**
  - **GitHub**
  - **Docker**
  - **Visual Studio Code**
  - **Microsoft Office**
  - **Linux/Unix**
  - **n8n Automation**
- **Soft Skills**
  - **Teamwork**
  - **Problem-solving**
  - **Analytical Thinking**

## KEY ACHIEVEMENTS

- Developed and deployed full-stack web application, improving efficiency and user experience.
- Contributed to open-source Django project with a focus on frontend integration using HTML, CSS, and JavaScript, and resolving UI/UX bugs.
- Recognized as Top Performer in MCA for consistent academic excellence and practical implementation.

## PROJECTS

- 1. Workforce Aggregator application with improved user-friendly approach** **May 24-Aug 24**
  - **Role** : Innovator & Lead Developer
  - **Technologies Used** : Python, Django, HTML & CSS for web development, MySQL
  - **Objective** : Designed a platform to connect users with workers in real-time.
  - **Description** : Built a portal to save time in searching for workers. Features included real-time communication and seamless user interactions and bookings.
- 2. Helping Hands** **May 22-June 22**
  - **Role** : Team member
  - **Technologies Used** : Python, Django, HTML & CSS for web pages, MySQL
  - **Objective** : Helping Hands is a website designed to help Orphanage Homes.
  - **Description** : We collect information from orphanages to identify their issues and attract donations. Donated money is directly credited to the beneficiaries' accounts.

## CERTIFICATIONS / TRAINING

- **Python Full Stack Developer** – J Spiders (Hands-on experience in Django, React.js, and REST APIs)
- **Management of Inventory System** NPTEL (business inventory management, stock tracking)
- **Communication Skills** - Tech Mahindra (Professional communication & teamwork strategies)
- **Team Management** – VS University College (Leadership, project coordination, and Agile practices)

## TECHNICAL PROFICIENCY

Knowledge of **Python, Java, JavaScript, React.js, AWS, FLASK** and **REST API** development. Proficient in **Bootstrap, XML, HTML, CSS, MySQL**, and **SQL** for web and database development. Experienced with **Git, Docker, VS Code, n8n** for Workflow automation, & **Generative AI** for Prompt Engineering and AI-integrated Applications.

## STRENGTHS

- **Time management:** Prioritize important tasks to avoid last minute rush.
- **Accountability** : I take ownership of mistakes and continuously learn from them.

## CAREER INTEREST

- Full Stack Development
- Backend/API Engineering
- AI-Integrated Web Applications